

OUR VIEW

The terminal shore power system should match the power needs of the vessels for which that terminal is designed.

Use of global standards is essential since vessels often travel long distances between multiple countries.

The introduction of shore power should be combined with incentives such as port fee reductions for vessels that are guaranteed to be maintained for a defined period after the implementation.

Funding options should be provided to ensure sufficient shore-side connection points & power supplies and provide connection alignment compatibility with the vessels calling the port.

The cost of the shore power supply should as a minimum be comparable with onboard diesel power generation. Lower electricity costs will encourage more rapid uptake and help offset the significant initial investments.

Shore Power

Shore power for ships at port provides electricity to replace the power generated by the vessel's auxiliary engine. Danish Shipping supports the further deployment of shore power where clean energy is available in order to reduce local air pollution from shipping.



Shore power for ships at port provides the opportunity to reduce local air pollution as well as greenhouse gas emissions. However, the reduction in total air pollution depends on the source of the electricity, and the reduction of greenhouse gasses depends on the share of renewable energy in the local power supply.

Both cruise ships and ships transporting cargo can utilize shore power, but shore power entails a significant investment for both vessels and ports or terminals as the required energy can be significant, e.g. if the vessels cranes are being used or for a cruise ships with many passengers and a large hotel load.

Shore power is one of the short-term measures identified in the Initial IMO strategy on reduction of GHG emissions from ships. Further the IMO has set out via the Marine Safety Committee to develop operational guidelines for shore power for ships and consider amendments to the international safety regulation (SOLAS) if necessary.